

Converting Colors

Hex(21928F)

Have a look what the booklet for
Hex(21928F) contains.

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Color

Hex(21928F)

Conversions

Conversions Part 1

Format	Color
Hex	21928F
RGB	33, 146, 143
RGB Percent	13%, 57%, 56%
CMY	0.8706, 0.4275, 0.4392
CMYK	0.77, 0.00, 0.02, 0.43
HSL	178°, 63%, 35%
HSV	178°, 77%, 57%
XYZ	15.8640, 22.8643, 29.5637
YIQ	111.8710, -66.3850, -24.8890

Conversions

Conversions Part 2

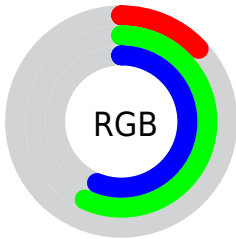
Format	Color
R_{YB}	33, 90, 146
Decimal	2200207
CIE _{Lab}	54.93, -30.45, -7.21
CIE _{LCh}	55, 31.292, 193.323
Yxy	22.8643, 0.2323, 0.3348
Android (android.graphics.Color)	4280390287 (0xFF21928F)
YUV	111.8710, 15.3466, -69.1699
Hunter-Lab	47.8166, -24.4585, -3.1858

Details

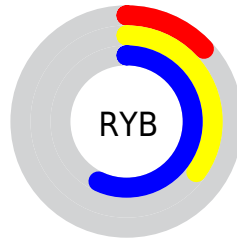
The Hex color **21928F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **922124**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **63C8C5**, and **005F5D** is the 20% darker color. If you saturate the color by 10%, you get **12928F**, and if you desaturate by 10%, it is **30928F**.

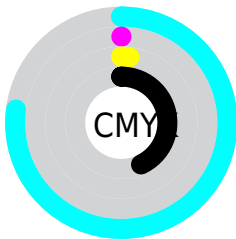
Distribution



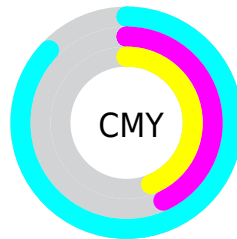
- Red (13%)
- Green (57%)
- Blue (56%)



- Red (13%)
- Yellow (35%)
- Blue (57%)



- Cyan (77%)
- Magenta (0%)
- Yellow (2%)
- Black (43%)



- Cyan (87%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21928F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 21928F by changing the saturation by 10% instead.

 21928F

 21928F

FFFFFF

 007875

 63C8C5

 005F5D

 80E5E1

 004745

 9DFFFD

 002F2F

 BAffFF

 001B1A

 D7FFFF

 000000

 F5FFFF

 21928F

 21928F

 12928F

 30928F

04928E

3E9290

00928E

4D9290

5B9291

6A9291

799291

879292

969292

A49292

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



499173



21928F



1090A8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21928F



9678AB



A27D50

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21928F



922124

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



B37460



21928F



AF7094

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21928F



7082B8



B86F78



89864E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21928F



308DB3



B86F78



A97954

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21928F



91BDBC



259221



445E5E



DEDEDE



5E5E5E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21928F



0DBDB8



215D92



434A4A



008A86



000A0A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



922124



BD0D12



925621



4A4343



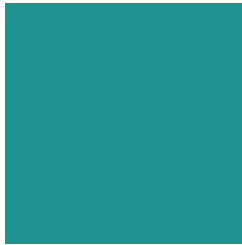
8A0004



0A0000

Previews

White Background



This preview shows how the Hex color 21928F looks on a white background.

Color Contrast Check

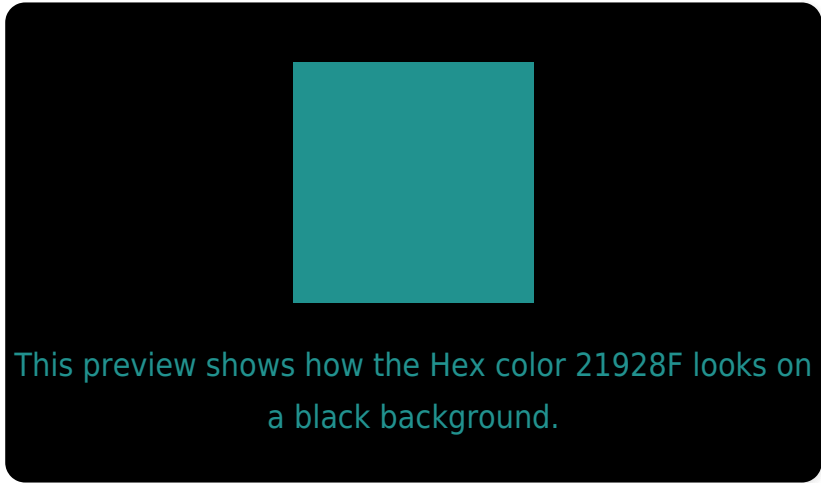
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

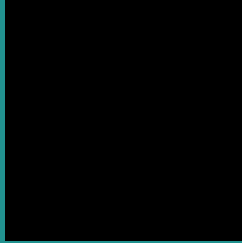
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 21928F Background



This preview shows how black text looks on a background with the Hex color 21928F.

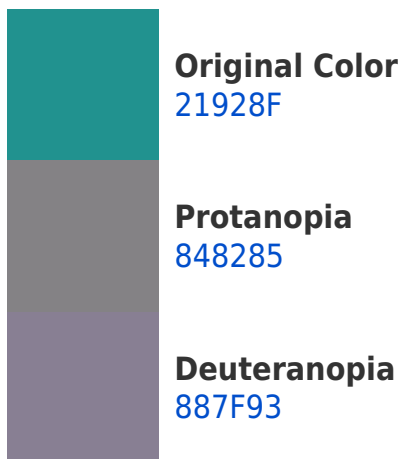


This preview shows how white text looks on a background with the Hex color 21928F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



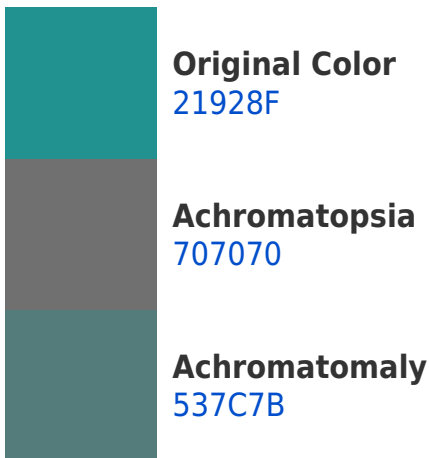


Tritanopia
2B909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21928F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #21928F looks like.

```
.text, #text, p{  
    color:#21928F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #21928F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21928F
}
```

Border

The CSS property to change the border of an element to Hex 21928F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21928F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#21928F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #21928F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21928F; -webkit-box-shadow:4px 4px  
4px 4px #21928F; box-shadow:4px 4px 4px  
4px #21928F }
```

Background

The CSS property to change the background color of an element to Hex 21928F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21928F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#21928F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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